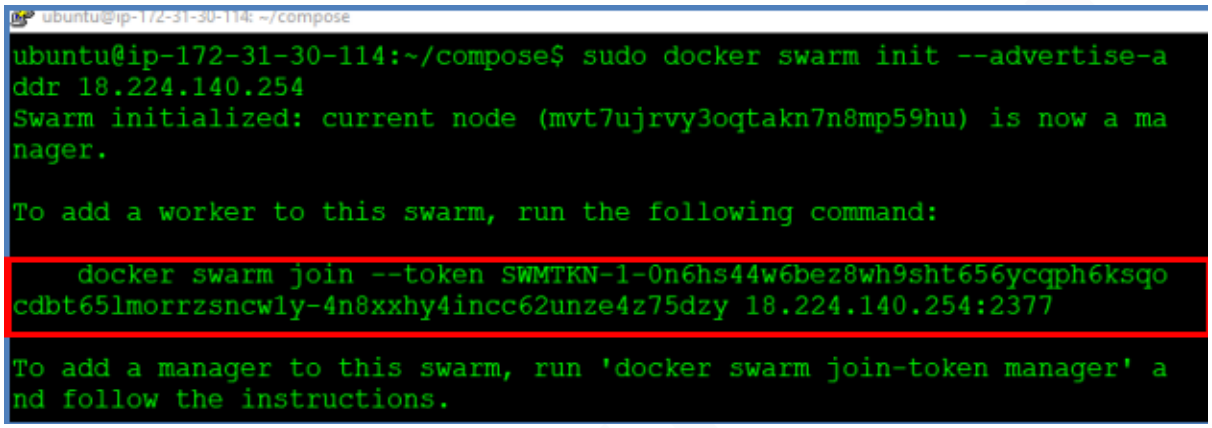
Hands-On: Docker Swarm Initialization on Ubuntu

Since we have already installed Docker in our system, along with that Docker Swarm is already installed. We just need to initialize the Docker Swarm.

Step 1: Use the following command to create a new swarm

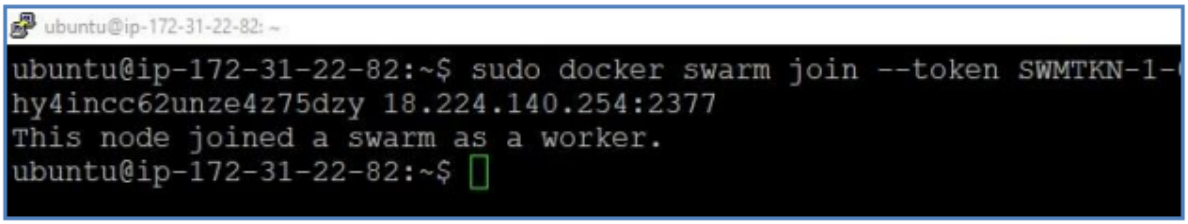
```
$ sudo docker swarm init –advertise-addr <master IP>
```



Copy the token (marked in red) to clipboard

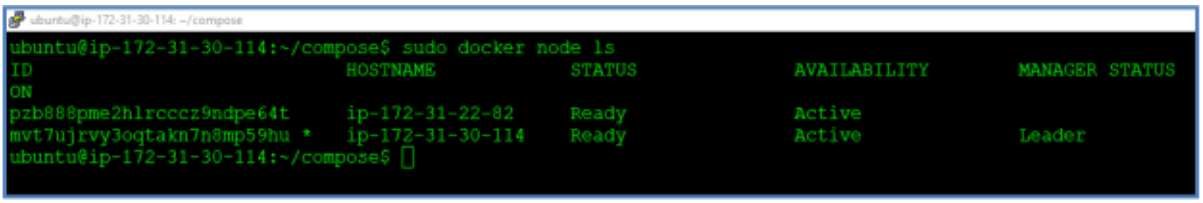
Step 2: Now we will start a new session as worker and we will join the swarm that we just created. Paste the copied token shown below.

```
$ sudo <token>
```



Step 3: Now check we will check the node list as the manager

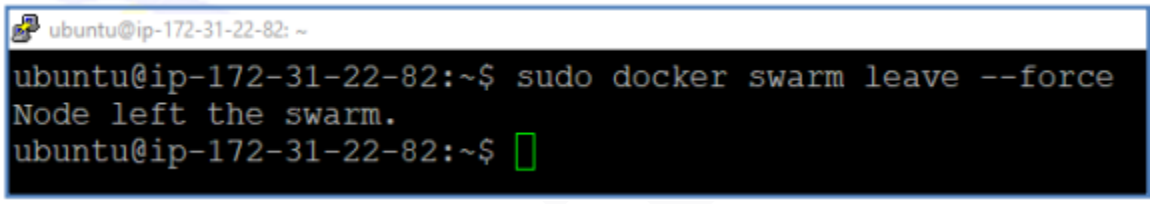
```
$ sudo docker node ls
```

As you can see, worker has joined and statuses of both nodes are ready.

Step 4: Follow the commands given below to leave the swarm:

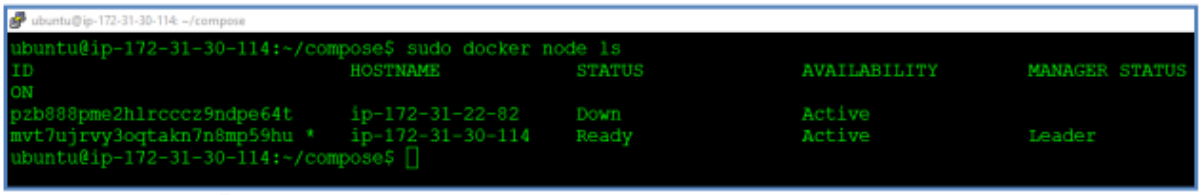
```
$ sudo docker leave --force
```



Now that the node left the swarm, let's check the node list as manager and check the status of the nodes.

Step 5: To check the node list as manager follow the command given below:

```
$ sudo docker node ls
```



As you can, the status of the node that left the swarm is no longer ready.

Step 6: To leave the swarm as manager follow the command given below:

```
$ sudo docker swarm leave --force
```